

19980830.qrp v01\_n199.qrs.980830

Date: Sun, 30 Aug 1998 19:03:12 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1199

QRP-L Digest 1199

Topics covered in this issue include:

- 1) [18804] Re: Y2K and more .... (and the USPS)  
by Hank Kohl K8DD <k8dd@contesting.com>
- 2) [18805] Re: Are You a REAL Qrp Operator?  
by "Randy Jouett" <nop@swbell.net>
- 3) [18806] Sure would like a spring '98 QRPP issue  
by "Jim Knopf" <knopf@halcyon.com>
- 4) [18807] w/r ant project... success (more or less)  
by jdenison@morelr.com (JOEL DENISON)
- 5) [18808] BUBBA and NQ7RP Tentative Schedule  
by Brian Kassel <bkassel@dancris.com>
- 6) [18809] Re: Two Words to the Wise  
by DYARNES@aol.com
- 7) [18810] Re: JPS ANC-4  
by "George T. Baker" <w5yr@swbell.net>
- 8) [18811] Solar/natural power QRP contest, or points?  
by Jim <kj5tf@madisoncounty.net>
- 9) [18812] QSL Program  
by "John J. McDonough" <jjmcd@tm.net>
- 10) [18813] Idea for antenna insulators  
by The Boices <boice@bigfoot.com>
- 11) [18814] BUBBA  
by Wayne Alexander <walexan@ipa.net>
- 12) [18815] Kansas Wind Power Info  
by "Preston Buck" <pbuck@infoblvd.net>
- 13) [18816] RE: Laser pointer key  
by "Preston Buck" <pbuck@infoblvd.net>
- 14) [18817] RE: Emergency Power considerations  
by "Preston Buck" <pbuck@infoblvd.net>
- 15) [18818] Re: solar and wind power for ham radio  
by bob evinger <revinger@marshallonline.com>
- 16) [18819] The REAL meaning of QRP  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [18820] Alternative Power  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 18) [18821] Bubba Contest tomorrow!  
by tom whalen <whalen@swcp.com>
- 19) [18822] Unbuilt 38S: Decision

- by Jim Lowman <jmlowman@ix.netcom.com>
- 20) [18823] Re: Two Words to the Wise  
by "Walter Dufrain" <walter@inlink.com>
- 21) [18824] Re: Unbuilt 38S: Decision  
by w2bj@juno.com (Barry J Minsky)
- 22) [18825] QRP Facts, Just the facts, Maam.  
by we6w@juno.com (Ed Loranger)
- 23) [18826] Re: Unbuilt 38S: Decision  
by Vic Rosenthal <rakefet@rakefet.com>
- 24) [18827] unsubscribe  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 25) [18828] Re: Organic power: BayGen technology  
by W7LS <w7ls@blarg.net>
- 26) [18829] Re: Alternative Power  
by W7LS <w7ls@blarg.net>
- 27) [18830] Re: Are You a REAL Qrp Operator?  
by Mighty Mik <mitymik@hooked.net>
- 28) [18831] RE: VERTICAL PHASING  
by "Randy Jouett" <nop@swbell.net>
- 29) [18832] Re: Alternative Power  
by "Randy Jouett" <nop@swbell.net>
- 30) [18833] Re: Are You a REAL Qrp Operator?  
by "Randy Jouett" <nop@swbell.net>
- 31) [18834] Re: Are You a REAL Qrp Operator?  
by "Randy Jouett" <nop@swbell.net>
- 32) [18835] Re: altturnative power generation  
by "Randy Jouett" <nop@swbell.net>
- 33) [18836] Re: Are You a REAL Qrp Operator? - Tator battery  
by "Harry, WA3PTG" <hhurst@delaware.infi.net>
- 34) [18837] Re: Are You a REAL Qrp Operator?  
by "Armin Hachmer" <armin@muskoka.com>
- 35) [18838] re: Real QRPers  
by k5zty@juno.com
- 36) [18839] Re: VERTICAL PHASING  
by "Randy Jouett" <nop@swbell.net>
- 37) [18840] Re: Are You a REAL Qrp Operator?  
by wd3p@juno.com (Larry Cahoon)
- 38) [18841] Re: Are You a REAL Qrp Operator? - Tator battery  
by tom whalen <whalen@swcp.com>
- 39) [18842] FOX: First Alert Message!  
by "Paul R. Valko" <prvalko@oakland.edu>
- 40) [18843] TS-130S Freq instability, please HELP!  
by Michael Neverdosky <MichaelN@cycat.com>
- 41) [18844] Bubba?  
by Paul Helbert <phelbert@rica.net>
- 42) [18845] QRP VS RELIGION  
by ARDUJENSKI@aol.com
- 43) [18846] FS: St. Louis Tuner

by "Paul Christensen" <paulc@mediaone.net>  
44) [18847] FS: Ten-Tec PM-3A  
by "Paul Christensen" <paulc@mediaone.net>  
45) [18848] Re: Are You a REAL Qrp Operator? - Tator battery  
by Jack Parker <Pparker@greatbasin.net>  
46) [18849] Bubba  
by Paul Helbert <phelbert@rica.net>  
47) [18850] Web Page  
by "Ron Polityka" <wb3aal@talon.net>  
48) [18851] BALANCED PHASED VERTS  
by ARDUJENSKI@aol.com  
49) [18852] Bubba WX?  
by we6w@juno.com (Ed Loranger)  
50) [18853] ARRL Convention, /AE, Bubba  
by joel malman <malman@world.std.com>  
51) [18854] Re: Vertical Phasing  
by af852@rgfn.epcc.edu (William R Colbert)  
52) [18855] Re: Are You a REAL Qrp Operator? - Tator battery  
by Monte Stark <ku7y@dri.edu>  
53) [18856] Re: QSL Program  
by "John J. McDonough" <jjmcd@tm.net>  
54) [18857] RE: Are You a REAL Qrp Operator? - Tator battery  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
55) [18858] AL7FS #1  
by Dan Robbins <kl7y@alaska.net>  
56) [18859] RE: QRP just the facts maam  
by bob evinger <revinger@marshallonline.com>  
57) [18860] Re: AL7FS #1  
by Monte Stark <ku7y@dri.edu>  
58) [18861] Re: AL7FS #1  
by Ab7wy@aol.com  
59) [18862] Re: Unbuilt 38S: Decision  
by Jim Lowman <jmlowman@ix.netcom.com>  
60) [18863] Catalogs and suppliers (long)  
by WD6BOR@aol.com  
61) [18864] FS/ SWL gear, some unbuilt  
by Scott Bauer <ke3nv@erols.com>  
62) [18865] Ten Tec QRP gear for sale  
by Scott Bauer <ke3nv@erols.com>  
63) [18866] More QRP rigs FS  
by Scott Bauer <ke3nv@erols.com>  
64) [18867] Re: Are You a REAL Qrp Operator? - Tator battery  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
65) [18868] Nor Cal QRP gear F/S  
by Scott Bauer <ke3nv@erols.com>  
66) [18869] FS Wilderness SST-20 w buzznot  
by Scott Bauer <ke3nv@erols.com>  
67) [18870] Unbuilt kits for sale

by Scott Bauer <ke3nv@erols.com>  
68) [18871] TS-130S update  
by Michael Neverdosky <MichaelN@cycat.com>  
69) [18872] May I?  
by nhoop@centuryinter.net (N H)  
70) [18873] Re: Two Words to the Wise  
by mwattcpa@earthlink.net (Marty Watt)  
71) [18874] BUBBA  
by Bob Hightower <ki7mn@dancris.com>  
72) [18875] BUBBA  
by Wayne Alexander <walexan@ipa.net>  
73) [18876] Qrp CW via the Web and Other Dumb Ideas  
by "Randy Jouett" <nop@swbell.net>  
74) [18877] BUBBA RROP  
by FrConrad@aol.com  
75) [18878] Bubba report  
by "Randy Moore" <wr.moore@worldnet.att.net>  
76) [18879] Bubba, QSB/QRN still fun!  
by we6w@juno.com (Ed Loranger)  
77) [18880] Re: 1 dB loss/gain expressed as a percentage  
by "Bob Kellogg" <ae4ic@nr.infi.net>

-----  
Date: Sat, 29 Aug 1998 22:59:13 +0000  
From: Hank Kohl K8DD <k8dd@contesting.com>  
To: mwattcpa@earthlink.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [18804] Re: Y2K and more .... (and the USPS)  
Message-ID: <3.0.5.32.19980829225913.00a40a20@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 22:42 8/29/98 GMT, Marty Watt wrote:

>>When the post office delivers these bills to you, they'll want 100  
years  
>>  
>>worth of postage due as well.

Not so....The USPS has accepted the contract from two companies to assure  
that their postal equipment will be Y2K compliant.

73 Hank K8DD

\*/ Hank Kohl K8DD k8dd@contesting.com  
\*/ ARRL TS <http://www.tir.com/~k8dd>

\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

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Date: Sat, 29 Aug 1998 18:20:08 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: "Chris Trask" <ctrask@primenet.com>, "Low Power Amateur Radio Discussion"  
<qrp-1@Lehigh.EDU>  
Subject: [18805] Re: Are You a REAL Qrp Operator?  
Message-ID: <010301bdd3a3\$91007c20\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>On Sat, 29 Aug 1998, Randy Jouett wrote:  
>  
>>  
>> >A REAL QRP operator uses "organic" power.  
>> >ie. hamster, buddy on bicycle, potatoes...  
>> >Yes potatoes. For details on a "tator battery"  
>> >let me know....  
>> >  
>>  
>> Yeah. Let me hear about this potato battery. Heck, maybe we cud get  
together  
>> for QRP TTF with a bunch of qrp rigs powered by this wacky stuff, take  
>> pictures, and post em' to the net! LOL! Hey, how about we hampster power  
a  
>> 250mw 10mtr rig and trickle charge the battery with a generator tied to  
his  
>> exercise wheel?? LOL!  
>>  
>  
> This sounds a lot like Bob Pease (columnist and humourist for  
>Electronics Design magazine) and his quest for a method of recharging  
>his video camera batteries while backpacking. I suggested using a small  
>water wheel attached to a DC generator. Could also use a windmill.

Well, I've seen some of these flexible, photo-voltaic (sp?) sheets  
running around the tech mags, etc.  
Why couldn't he build a back-packing tent that uses these things as a power  
source. That is, line a current-tech tent with this stuff, set it up at the

camp site, etc. Could also line his backpack and umbrella with the stuff and trickle charge the thing while he was hiking. Hey, if he's a ham, he could stick a 2 mtr rubber duck on the top of the umbrella and use the umbrella spokes as a ground plane :^) :^). Not only that, when he set up camp he could remove the rubber duck, replace it with a 1/4 wave wire, add 1/4 wave radials to the spokes (via aligator clips shoved on to the ends of the spokes, of course!) , and then work some dx :^). Whatcha think? How expensive are these flexible sheets, or does that even come into play here?

Well, I could run down to Nasa and pick up a couple of thermo-couples. Shud give him plenty of power when he's sitting around the camp fire :^)

> How about it? This sounds like a great topic. Anybody out there  
>want to put together an article for QRP Quarterly and achieve fame (sorry,  
>no fortune) as the foremost proponent of alternative QRP power?

Sure! Just put what I just wrote into QRP Quarterly and send me a copy for payment. I'm not a member -- yet! -- but I will be as soon as I finish this real-time embedded system code and stuff it into this eeprom and test it out on this oil rig thing over here :^)

-----  
Date: Sat, 29 Aug 1998 16:38:37 -0700  
From: "Jim Knopf" <knopf@halcyon.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [18806] Sure would like a spring '98 QRPP issue  
Message-ID: <000001bdd3a6\$251050a0\$052a3fce@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sure would like to get a spring '98 QRPP issue, to help me with a tixie board I'm playing with.

The web page says I hafta wait until 1999 and then buy all of the 1998 together at once... but I just sent in my bucks and will automatically receive just the last issue or so for 1998.

Anyone know a way I can get a copy of the spring issue? I'd happily pay the copying and mailing costs for this issue.

.....

-Jim (KI7Q)  
mailto:knopf@halcyon.com  
Visit the "Father of Shareware" at  
<http://www.halcyon.com/knopf/jim>

-----  
Date: Sat, 29 Aug 1998 18:44:25 -0500 (CDT)  
From: jdenison@morelr.com (JOEL DENISON)  
To: qrp-l@Lehigh.EDU  
Subject: [18807] w/r ant project... success (more or less)  
Message-ID: <199808292344.SAA12473@ns1.morelr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

High gang:

man, what a project... don't ever go into an antenna project with no clear idea of what u want to do... :-) this inverted vee ate me up...

got the sucker up though... didn't even upset the bumble bees and got to explain to some neighbors that I was indeed sane... :-)

I musta had 140ft of wire either side of center... almost had room to put it up Kinda... :-) It an't broadside the right way so I hope it gives me kinda a circle... it an't near vertical either... the elements kinda "lean out" from under the center... Had to cut the elements to 70ft either side of center... way to long to fit a dipole that long here...

loaded fine on eighty, forty, thirty... will listen on it tonight and see what I heah... seeing what u heah is improtant when listening to mooses... :-)

joel, wa5cvm, in maine, qrping this & thata way... hee...hee...

WA5CVM

Joel Denison

PO BOX 542                      3-element Wire/Rope This & That away yagi for 20mtrs  
Strong, Maine 04983              Gentle Lady R C sailplane  
jdenison@morelr.com

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Date: Sat, 29 Aug 1998 17:32:04 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [18808] BUBBA and NQ7RP Tentative Schedule  
Message-ID: <35E89D84.25DD7EF4@dancris.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

Just a reminder that I will be operating the 10,000 point bonus station, NQ7RP, for the BUBBA event. The latest propagation forecast looks great for Sunday.  
Looks like we should be able to use 15M, and maybe even 10M.

I plan to begin on 20M (14.060). I will probably not do much searching and pouncing (S&P),  
I'll just be calling CQ, unless the QSO rate gets low, which I doubt, given the  
expected activity level and propagation forecast.

At some point, when I feel that I've worked most everyone, I will be jumping to 15M  
(21.060). I will work as many stations on that band as possible, then check 10M  
(28.060). If no activity is heard, I'll send a couple CQ's, if no response,  
I'll return to 20M. I then plan to go to 40M (7.040). In other words, I'll  
be hopping around the bands quite a bit. I will \*NOT\* be adhering to the ARRL "15  
minute rule", which states that once a station moves to new band, the operator  
needs to stay on that band for a minimum of 15 minutes.

I may check 80M (3.560) near the end of the event, when chances of long  
propagation will prevail.

Since I can win no awards, my prime purpose is to do my very best to put as many stations  
as possible in the log. I suggest that everyone try to remember their TX  
offset. I'll be RIT tuning as much as possible, but there is bound to be  
quite a lot of QRM. PLEASE try to place your TX frequency as close as possible  
to mine, at about 600 Hz. I'll probably be forced to use very tight filtering  
on my end.

I will be running a 3 element tribander at 35 feet, aimed mostly NE,



but will be  
switching very often to my verticals and loop, so as to allow coverage  
of  
as much of the compass as possible. The rig will be my TT Argosy  
Digital.

Oh yea, I'll be in my den, under the A/C. My aim is to hand out every  
possible QSO to those who \*ARE\* out in the elements.

Who will be the first to work NQ7RP on 3 or even 4 bands? If that  
happens, I think that we will be issuing a \*SPECIAL\* award of some  
kind.... hmmm.....

GL es best 72 to all!

--  
Brian Kassel W5VB0  
ARCI # 3623  
Phoenix AZ ScQRPions

-----  
Date: Sat, 29 Aug 1998 20:54:17 EDT  
From: DYARNES@aol.com  
To: w5yr@swbell.net, qrp-1@Lehigh.EDU  
Subject: [18809] Re: Two Words to the Wise  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 8/29/98 6:23:45 PM !!!First Boot!!!, w5yr@swbell.net  
writes:

<< Wait! THERE IT IS! WATTS! Watts is watts is watts is . . . You can't  
tell one from another. They have no color, scent, weight, etc. >>

Now wait just a damn minute! Are you telling me one of those "Texas Watts" is  
just like (read "just as good as") one of our "Arizona Watts"? I don't  
believe it! That's almost heresy! Some things are fungible, I agree. Like  
money! But anyone who has ever been to Arizona knows our watts are bigger and  
better than Texas watts! Gads! Yes, some things are bigger in Texas--like  
bank failures! BUT NOT WATTS!

Do you think Chuck, K5FO would leave Texas and move to Arizona if the watts  
weren't bigger out here? Of course not! He's an engineer, he knows. That's

why he's building a house in Prescott.

I rest my case!

72 de Dave W7AQK

-----  
Date: Sat, 29 Aug 1998 19:55:54 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: aa8yo@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [18810] Re: JPS ANC-4  
Message-ID: <35E8A31A.D957B94E@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob, I have been using the ANC-4 in conjunction with the JPS NIR-12 for a couple of years now. I like the combination very much, and I feel that what they bring to the shack has been well worth the money involved.

The ANC-4 is well designed and very well built. It does its job. To me, its advantage over the MFJ unit is that it does not place any active devices in the signal path to the receiver. Thus, having it in the antenna circuit does not compromise your receiver dynamic range performance in any way. I am not certain, but I believe that this cannot be said of the MFJ unit. My apologies to Martin (Jue) if I am incorrect.

As with any phasing type noise canceller, the degree of noise suppression that you gain is a direct function of (a) the nature, type and location of the noise source(s) and (b) the type and location of the noise sense antenna that you use.

I have tried a large number of sense antennas but finally settled on a short voltage-probe type about 2 feet long coupled to the set by a run of RG-6 coax through the attic. This scheme places the sense antenna outside near the incoming power service; most of my noise seems to be of power-line origin.

A larger antenna picks up too much "signal" and causes signal cancellation as well as degraded noise cancellation. I found it very difficult to find just the "right" sense antenna setup for my local noise. I may change it again next week, so if anyone tries out a noise canceller, be prepared for a bout of continued experimentation!

I have not tried the unit to reduce or cancel computer noise, but I

suspect that it could do that very well indeed.

The principle of noise cancellation is sound and the ANC-4 is an excellent implementation.

YMMV! ;^)

72/73, George           didit dit  
Amateur Radio W5YR, 52 years and counting! 33.2 N 96.6 W EM13RE  
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496  
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Robert J Fox wrote:

>  
> Hi Gang,  
>  
> Anyone in this fine group have any experience with  
> a JPS ANC-4 ?

-----  
Date: Sat, 29 Aug 1998 20:06:02 -0500  
From: Jim <kj5tf@madisoncounty.net>  
To: qrp-l@Lehigh.EDU  
Subject: [18811] Solar/natural power QRP contest, or points?  
Message-ID: <35E8A57A.4127@madisoncounty.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just a suggestion, maybe oneday some QRP club will include, or FEATURE  
alternative power in a contest.

Maybe it was ARCI that once gave extra points for natural power stns?

A modest investment in a 5 watt solar panel and small RV/marine battery  
will keep you on the air for several days if power goes out.

A HF QRP RTTY stn could pass allot of trafic with a simple system in the  
event of an crisis.

BTW, Ive seen some pretty good solar panel prices in Mr Solar's  
newsletter.

<http://www.mrsolar.com/>

His website prices are below most Ive seen, and the newsletter has even  
better price breaks/specials. Im just a happy customer, I dont get any

kick-backs for posting his URL. Email Charlie "Mr Solar" and get on his newsletter if you are looking for specials.

CUL de Jim KJ5TF AR QRP #2

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Date: Sat, 29 Aug 1998 22:40:48 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18812] QSL Program  
Message-ID: <199808300151.6665900@is1.tm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I've finally posted a second version of my QSL program to my website. It's still not done, but it's a lot closer. Most of the things that need to be set up can be set up, and it now accepts background bitmaps.

This is a Windows 95 program. Several folks tried it on Windows 3.1, and the program had blanks in the filename, which caused some people trouble deleting the files. It now no longer has blanks in the filename, but I don't expect it to work on 3.1. If someone can try I'd appreciate knowing.

To get it, go over to <http://members.tm.net/jjmcd/hamradio.htm> and click on the 'Click Here' about midway down the page. Let me know what you think. It's getting close enough now that requests for features can be meaningful.

This program is free to hams, will stay free.

72/73 de WB8RCR  
didileydadidah

-----  
Date: Sat, 29 Aug 1998 21:21:30 -0500  
From: The Boices <boice@bigfoot.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18813] Idea for antenna insulators  
Message-ID: <3.0.5.32.19980829212130.007a6a70@mailbox.arn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Regarding the antenna insulator thread on here a week or so ago, I respectfully direct your attention to <http://www.boulder.nist.gov/timefreq/www/upgrade-picts/antwork1.jpg>

This is one of WWVB's 60kHz 45 kW insulators.

Think this is an option for portable operation?

73,

Mike  
KM5PE, Canyon TX  
QRP-L # 576

-----  
Date: Sat, 29 Aug 1998 21:23:39 -0500  
From: Wayne Alexander <walexan@ipa.net>  
To: qrp-l@Lehigh.EDU  
Subject: [18814] BUBBA  
Message-ID: <199808300223.VAA10585@ns3.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was just wandering if everyone will be sending 599 for the RST or will it be what the radio shows? I was going to set up my contest keyer and was wondering about it. This will be my first contest to use this thing and it will be something to get use to. I have always sent everything by hand. Maybe I can get the hang of it before NOV SS. Hope to see you on the air.

73,  
KB0PTE  
Wayne

-----  
Date: Sat, 29 Aug 1998 22:27:27 -0400  
From: "Preston Buck" <pbuck@infoblvd.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [18815] Kansas Wind Power Info  
Message-ID: <001301bdd3bd\$ce5fb3a0\$b1805495@dragon-ship>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Kansas Wind Power  
13569 214th Rd,  
Holton, KS 66436  
785-364-4407

As for me and Y2K, I believe public hysteria will be much more of a problem than any physical effect. However, I will continue on my journey towards self-sufficiency. On the bright side, if it proves to be only hype, think of all the "pennies on the dollar" deals I will be able to get on tools, ammo, generators, etc from those who are heading back to the urban areas.

73, Preston, n0g1m, Southern NY State, FN12

PS - I wore my zombie badge at work last week with the AREA 51 side showing. Somebody asked what AREA 51 was and if I thought the rumors were real. You should have seen the look on her face, when I said. "Yeah, its real. In fact one of the scout ships picked me up during lunch to take me there. But I don't like eating from the nourishment tubes."

-----  
Date: Sat, 29 Aug 1998 21:47:40 -0400  
From: "Preston Buck" <pbuck@infoblvd.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [18816] RE: Laser pointer key  
Message-ID: <001201bdd3bd\$cd74b760\$b1805495@dragon-ship>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy,

I don't know how fast a laser pointer can be keyed, but a lot of telecommunications type lasers are being used a 10Gps. There have been announcements of 40Gbps systems, but commercial availability depends on with whom you speak. They operate at 1550nm mostly.

73, Preston, n0g1m, Southern NY State, FN12

-----

Date: Sat, 29 Aug 1998 21:44:21 -0400  
From: "Preston Buck" <pbuck@infoblvd.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [18817] RE: Emergency Power considerations  
Message-ID: <001101bdd3bd\$cc92e2e0\$b1805495@dragon-ship>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Greetings all,

The simplest generator I have seen for producing 12v power is taking a lawn mower engine with a pulley on the shaft connected by belt to a car alternator. You still need some juice for the alternator to work, but 5 gallons of gas could go a long way. I personally would add a charge controller. The one I saw had special brackets made up for it, but my preference is to cut a hole into the deck of my (former) pushmower and bolt the alternater down. Much more mobile that way.

73, Preston, n0g1m, Southern NY state, FN12

-----  
Date: Sat, 29 Aug 1998 21:29:54 -0500 (EST)  
From: bob evinger <revinger@marshallonline.com>  
To: Jim <kj5tf@madisoncounty.net>  
Cc: qrp-1@Lehigh.EDU  
Subject: [18818] Re: solar and wind power for ham radio  
Message-ID: <Pine.LNX.3.96.980829212155.581A-100000@WD9EKA.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a few things to add as well.

Bob Evinger | 19250 N. Livingston Road | revinger@marshallonline.com  
WD9EKA | Marshall, IL 62441 |

On Sat, 29 Aug 1998, Jim wrote:

> Ive been following the threads abt solar/wind pwr and have afew  
> comments.  
> First most lead acid btrys do give off gas and you dont want that  
> corrosive and dangerous stuff inside the house. What I did is use a 12v

> muffin fan and PVC to move the gas outside. The btry bank is inside my  
> house to keep them warm in winter and cool in summer. I built a plywood  
> box around the btry bank. Btrys dont like to get cold or hot.

I did a similar installation minus the muffin fan. I have a bottom and top pvc pipe feeding the box. I made an interesting discovery at my last house, I have a KnightHawk CO detector with LED display. I discovered that it also apparently detects raw hydrogen. I don't know if the PPM indication is correct, but it does register something when the batteries are outgassing. So when I moved here I installed one of the detectors in the shack and occasionally turn it on when the batteries are charging. Shows 0 all the time makes me feel better knowing that the seals on the box door are still tight.

The previous house I had the batteries in the basement without a box and a CO detector down there. Took me a few days to realize I didn't have a major CO leak. Come home indicator high, after sunset count would go back to 0, hummm added a vent to outside in that room and the count stayed a lot lower. Probably still should have boxed the batteries and that is part of the reason that the new place has them in a vented box.

>  
> I also have a 300w wind charger, and have had some experience with  
> lightning hits. My "Air Marine" is 330w and a small 12v charger ment to  
> provide a small charge during winter spring months when sunshine is  
> missing but we have lots of wind storms in the Ozark mts.

>  
> The manual says you must ground the negative power cable at the base of  
> the tower only on the 24v model. I didn't ground my 12v and got zapped  
> several times with full warranty replacement. But was getting tired of  
> all that tower climbing! So I bared the neg power cable at the base of  
> the tower and drove in a ground rod and clamped the cable to that.  
> NO MORE PROBLEM!

>  
I have the non marine version and have wondered about this myself, seems like I am going to either climb the tower tomorrow and ground it to the tower at the top or do the same as you and tie it off at the bottom. There statement just didn't seem like the safest thing and you just confirmed it... thanks.

Oh and am I jealous on the solar array. I have a 100 watt panel and the 300 watt generator. I plan on adding some panels sometime but doubt I will be to your size for quite sometime.



bob

-----  
Date: Sat, 29 Aug 1998 22:51:12 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [18819] The REAL meaning of QRP  
Message-ID: <35E8BE20.EF30E68A@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I find this current thread interesting.

Technically QRP is the old "Q" signal used to indicate a request or need for reduction of power. Those of us who (quite proudly) identify themselves as QRPers today use reduced power , for the most part, because it is fun!

ahh.. but there begins the slippery slope into QRP's true additive nature.

Many folks start out by simply cranking back the drive on their "normal" transmitter to the requisite 5 watt level. They think they can "handle it". That it's just a bit of fun.

That's when the monkey hops on your back!

Next you're finding less and less use for your QRO rig so you start hitting the flea markets looking for an old HW-8 or Argo. By the time you get to this point you soon find the need for something stronger. You start reading qrp-1 and flipping through QRP Quarterly saying things like..."Gee, it might be fun to build my own gear for QRP"

Soon you find yourself sending out checks to NorCal and Small Wonder Labs, you begin to show the tell tale signs of eye strain from reading the fine print specifications in Mouser catalogs.

Now you're really on the hard stuff. Out comes the soldering iron. You're totally hooked now!

Oh sure some people THINK they can handle it... They think they can manage the experience of QRP "recreationally" without getting involved in the harder stuff, the kit building, the home brewing, the unending aftertaste of Altoids Mints.

I guess they are just made of stronger stuff than most of us.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055  
NORCAL ZOMBIE #122 ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S  
KITS IN PROGRESS - Ten-Tec 1330, KnightSMiTe "Pixie"

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Sat, 29 Aug 1998 22:53:29 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [18820] Alternative Power  
Message-ID: <35E8BEA9.99AEBFC0@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Check out the September 1998 issue of Scientific American. There is a great article on Thermophotovoltaics. Maybe a rig powered by body heat would be the next step.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055  
NORCAL ZOMBIE #122 ARRL Life Member

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Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Sat, 29 Aug 1998 18:55:45 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [18821] Bubba Contest tomorrow!  
Message-ID: <35E8A311.7562@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRP-Ler's!

Tomorrow is the big day....hopefully a very hot day!

Going to set up in the foothills and operate on 20 with an Emtech and on 15 will be using a GM-15. Antennas will both be wire J-poles.

Hope to work a bunch of you BUBBA'S!!!!

72, Tom WB5QYT/ALbuquerque

-----  
Date: Sat, 29 Aug 1998 20:09:53 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18822] Unbuilt 38S: Decision  
Message-ID: <3.0.32.19980829200951.0070ff38@popd.netcruiser>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Upon further consideration, I have made a decision about my unbuilt 38 Special:

I will put out an offer to \*give\* the unbuilt kit to the member of sCQs, the Southern California QRP Society, of

which I am a member, who gives me the best justification for wanting the kit. That way it will get the use that it deserves, and not sit around in my "undone" box.

I was moved by Bob, WA2HOQ, who suggested that I "Build the kit in my SK friend's memory, make a few contacts, and put it on display." Well, I'm taking his advice - sort of. His Sierra, which is my first priority in building, will be the living memorial, but it will be used by me, and not shelved. I don't believe in collecting, or letting perfectly good radios sit around.

I would also like to thank Roger, N7KT and Paul, W8KC, for reminding me about the Norcal "gentlemens' agreement" not to sell Norcal products for a profit. Actually, I was unaware of this philosophy, and decided that the best way to honor that pledge was to give the kit away to a deserving or needy person.

It was surprising to receive a couple of negative replies from members of QRP-L, after all the good advice that I've seen given here since its inception. One was even posted back to QRP-L. In the interest of keeping peace on the list, and in respect of Chuck's wishes, I answered that one in private.

Amazing, what some people can read into e-mail. I resent the inference that I was trying to make money on the deal, especially since part of my original message asked for opinions about the fair way to decide on whom to sell the kit. After all, how much more than the \$25-31 could I have expected to get? Certainly, not an amount that would have lasted more than 24 hours in my pocket. If I had wanted to get the maximum price, I would have opened up bidding, but I detest auctions, and don't feel that first-come, first-served works that well on the 'net.

72 de Jim - AD6CW

-----

Date: Sat, 29 Aug 1998 22:22:22 -0500  
From: "Walter Dufrain" <walter@inlink.com>  
To: <DYARNES@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18823] Re: Two Words to the Wise  
Message-ID: <199808300231.VAA26155@thor.inlink.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Dave & all, well Arizona and Texas "watts" are too small  
for me, that's why I live in Missouri :-)

Walter Dufrain, AG5P  
President = WATT CORPORATION  
Wright City, Missouri

-----  
>> In a message dated 8/29/98 6:23:45 PM !!!First Boot!!!, w5yr@swbell.net  
> writes:  
>  
> << Wait! THERE IT IS! WATTS! Watts is watts is watts is . . . You can't  
> tell one from another. They have no color, scent, weight, etc. >>  
>  
Are you telling me one of those "Texas Watts" is  
> just like (read "just as good as") one of our "Arizona Watts"? I don't  
> believe it! That's almost heresy!

-----  
Date: Sat, 29 Aug 1998 23:33:56 -0400  
From: w2bj@juno.com (Barry J Minsky)  
To: jmlowman@ix.netcom.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [18824] Re: Unbuilt 38S: Decision  
Message-ID: <19980829.233357.-279715.0.w2bj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Jim,  
Great idea. You certainly received good advice from those on the list.  
I have both a Sierra and a 38S. The 38S will make a wonderful gift to  
someone. I think you will have a great time using the Sierra. I love  
mine. I hope to be able to work you, Sierra to Sierra. Congratulation  
on making such a good decision and finding such a fitting way to remember  
your friend. I am sorry that you received negative replies. I do wish  
we all could keep the list positive and encouraging. God bless you!

On Sat, 29 Aug 1998 20:09:53 -0700 Jim Lowman <jmllowman@ix.netcom.com> writes:

>Upon further consideration, I have made a decision about  
>my unbuilt 38 Special:

>

>I will put out an offer to \*give\* the unbuilt kit to the  
>member of sCQs, the Southern California QRP Society, of  
>which I am a member

His Sierra, which is my first priority  
>in building, will be the living memorial, but it will be  
>used by me, and not shelved.

>

>It was surprising to receive a couple of negative replies  
>from members of QRP-L,

>

>

>72 de Jim - AD6CW

>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers  
Club #3723

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-----  
Date: Sun, 30 Aug 1998 00:02:46 EDT  
From: we6w@juno.com (Ed Loranger)  
To: qrp-l@lehigh.edu  
Subject: [18825] QRP Facts, Just the facts, Maam.  
Message-ID: <19980829.205455.7671.5.we6w@juno.com>

Let me see, we've got umpteen some-odd hundred new members  
on the list since I joined in April '97 err 1997 to be  
Y2K compliant! (Yes, this tech-programmer has completed  
69/135 production AREAS for Y2K identification!) Haven't  
even fixed any thing yet.

Back to the subject. We've discussed rigs -- new and old. Real QRP is...; Software. Collection of gear for show, and also that collectors have sinned by inflating the price of usable gear, then not using it!

Ol' kenwood suffered a glancing blow the other day and I waited for the response from ol' Kenwood's master. But Bob's the kinda guy who'd rather he be hurt, than hurt others.

We've had QRO rig fudge-factors suggested may be in use...

Bends and trusts begin! (That's what the drill instructor used to yell in the good ol' USMC).

It's all about being honest and not cheating! You see, cheating only hurts YOU. When you don't cheat, you learn and grow.

Boot Camp:

You see, we had to do push-up from day ONE. Lot's of cheaters in the room with me. I didn't cheat. So what if the drill instructor wasn't looking in my direction. "Two weeks from now we'd be doing more of these, and longer time periods too." I thought. Better get strong now. And so, when we hit the sand for some "PT" (Physical Training), the sweat poured and the 95degree heat found the creases filled with sweat and the sand adhered quite nicely. There was screaming, two guys died. One guy was dazed and started walking the 1800 miles home! Two guys pretended to be, well, we don't talk about that. They wanted out!

Sometimes 6 or more "PT" events each day, and there I was alone, without sand anywhere to soil the uniform. If I ever got to lay in the sand, it was because I was told to.

In a moment of weakness I spit on a recruit's boot who continued to march by kicking the bottom of my boot. A meeting was held and I was to be chastized. 5 of the Squad crew gathered with the drill instructor. I was passing by unnoticed and heard the following discussion -

"What should we do about this? "Aw says we PT His .... into the dirt!". "Run Loranger into the ground on the track!" Make him do bends and thrust 'til he barfs.." They cursed.

Drill Instructor: "Loranger Thrives on PT"... And no punishment was ever dealt. However, I was used to instruct two other recruits that after 30 minutes of PT it is possible to be without dust on ones uniform! (They however, looked like wet/dry sandpaper.)

What the heck is WE6W taling about here, anyway?

I have a QRO rig, Drake TR-3. I have a Heathkit QRP wattmeter with two scales: 0-5W and 0-50 Watts. I only use the 5 Watt scale and keep the needle on or below the 5 Watt mark.

Why a BIG Rig? Because I don't have a QRP rig that covers 80/40/20/15/10 meters, that's why!

Sometimes I send good, sometimes not so good with my bug. I like keyers too. I like ham operators who are considerate of others, whether or not they are QRP op's. And the only prejudice I have, is I hate prejudice.

We can argue about what you think I should use and why your set-up is more or less on the path to divine and eternal peace, but those are my facts.

I am also hurt more, realizing I have mis-judged someones' character when that same person believes, even for a split second that I would ever have ill thoughts for them or others.

You measure your 5 Watts anywhere you want. I measure mine after the rig and before the antenna terminals.

And it will be that way, even when the drill instructor isn't watching me.

Because I'm honest. Because I've read the "Amateur's Code". I also "understand" the "Amateur's Code".

That's why I believe YOU when you say you are QRP. No matter what difference your QRP definition is from mine.

I will continue exercising QRP, and trying to keep the sand out of the rig.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>  
Enjoying Ham Radio every day! Santa Rosa, CA.

---

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---



Date: Sat, 29 Aug 1998 21:17:44 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [18826] Re: Unbuilt 38S: Decision  
Message-ID: <35E8D268.12CC3F41@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim Lowman wrote:

>  
> It was surprising to receive a couple of negative replies  
> from members of QRP-L, after all the good advice that I've  
> seen given here since its inception. One was even posted  
> back to QRP-L.

I'm the one. I apologized to Jim, and now I'm apologizing to the group for reading something into his message that was assuredly not there and shooting from the hip. Never, never, hit the 'send' button when you're angry -- you can really make a fool of yourself.

Vic, K2VCO

-----  
Date: Sun, 30 Aug 1998 05:24:05 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [18827] unsubscribe  
Message-ID: <000101bdd3ce\$071e6c80\$a242b3c7@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----  
Date: Sat, 29 Aug 1998 22:46:11 -0700  
From: W7LS <w7ls@blarg.net>  
To: danr@izzy.net  
Cc: qrp-l@lehigh.edu  
Subject: [18828] Re: Organic power: BayGen technology

Message-ID: <35E8E723.4C39@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm pretty sure it's just a wound up spring, like a clock mechanism. As it unwinds, it drives a generator. Make your own and save a bundle. 73  
de Jim, W7LS

Dan Romanchik wrote:

>  
> I was talking to the owner of Communications Electronics (located right  
> here in Ann Arbor) this morning, and he was talking about the BayGen  
> radios. Basically, he was wondering why they seem to be so popular.  
> The wind-up power was kind of cool, he admitted, but the radio itself  
> was poorly designed and didn't perform very well.  
>  
> That got me thinking. Is anyone out there using a BayGen-type power  
> source? Is such a thing possible? Is there a web site somewhere that  
> explains how they generate the voltage? Is the generator scalable, i.e.  
> can a bigger, higher power version be made easily? Enquiring minds want  
> to know.  
>  
> 72, Dan KB6NU  
> =====  
> Dan Romanchik  
> Freelance Writer and Web Site Designer  
> phone and fax: 734-930-6564  
> email: d.romanchik@ieee.org, web: <http://qtb.com/danr/>  
> =====

-----  
Date: Sat, 29 Aug 1998 23:03:39 -0700  
From: W7LS <w7ls@blarg.net>  
To: tjarey@home.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [18829] Re: Alternative Power  
Message-ID: <35E8EB3B.7EFA@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tnx for the heads-up. I'll pick it up. BTW, I bought some thermal coolers for cpu chips in computers and made up a watt or so of power from one of them with icy water on one side and a propane torch (gently) heating the other side to be a little hotter than comfortable to touch. Ten bucks a

whack for the thermo coolers from Jade, I think. 73 de Jim, W7LS

T.J. "SKIP" Arey N2EI wrote:

>  
> Check out the September 1998 issue of Scientific American. There is a  
> great article on Thermophotovoltaics. Maybe a rig powered by body heat  
> would be the next step.  
>  
> --  
> ++++++  
>  
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com  
>  
> QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055  
> NORCAL ZOMBIE #122 ARRL Life Member  
>  
> QRP RIGS: HW-7, HW-8, FT-301S  
> KITS IN PROGRESS - Ten-Tec 1330, KnightSMiTe "Pixie"  
>  
> Website <http://members.home.net/tjarey>  
>  
> Snail Mail: PO Box 236, Beverly, NJ 08010  
>  
> Specialization is for insects! LAZARUS LONG

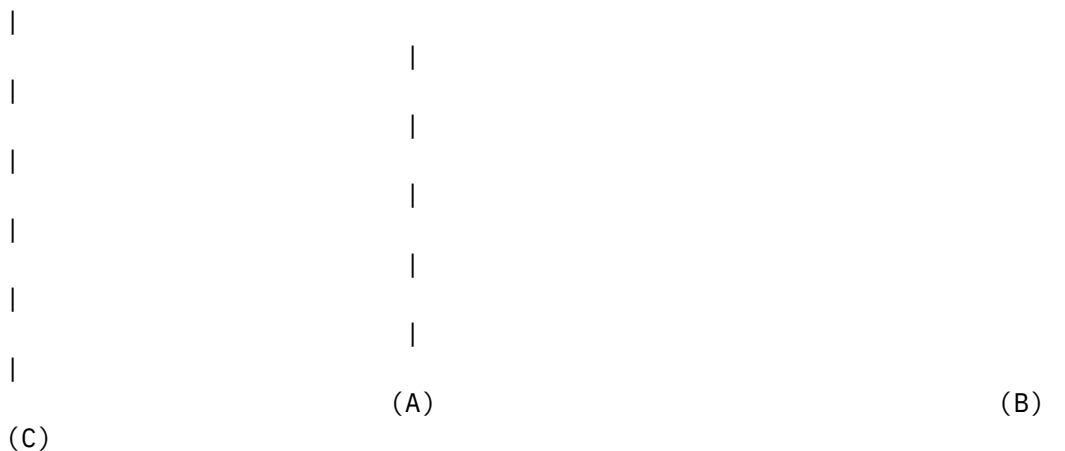
-----  
Date: Sat, 29 Aug 1998 23:13:46 -0700  
From: Mighty Mik <mitymik@hooked.net>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [18830] Re: Are You a REAL Qrp Operator?  
Message-ID: <35E8ED9A.A2F8FB9E@wenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Did you know that the Kenwood G71 HT has an 'EL' setting on it (extra low)...and that setting is 50 milliwatts? That's right...50 MILLIWATTS.

72 de WD8MNV/6

-----  
Date: Sun, 30 Aug 1998 02:08:09 -0500  
From: "Randy Jouett" <nop@swbell.net>





A, B, and C are quarter-wave verticals. A wire is run from the top of A to the top of C (X marks the spot), and no connection is made to B. Vertical B is the feed point (fp in the diagram), with the center conductor going to vertical B, and the shield going to the wire that connects A and C. A, B, and C are above ground, so make sure you use the appropriate stand-offs, of course. This is an EXTREMELY simple antenna system. Not only that, it uses no -- let me repeat this for emphasis -- NO radials. And guess what? Drum roll...the feed point is close to 50 ohms!

I used two of these things as a phased array on 40 meters and ran qrp with it, of course :^). For those antenna geeks out there, I used quarter-wave spacing and quarter-wave delay. In other words, two eighth-waves when driven in phase. I was too damn busy/lazy at the time, so I didn't build an LC Phaser. :^)

I didn't exactly have pile-ups, but I worked one European contact after another running 2 watts, with a lot of European hams breaking into the conversation asking about the antenna system. Yeah, most of em' didn't think that I was running qrp, and I had to tell them to stand by for a second while I changed rigs (Drake TR-4 C @ 200 watts input). A bunch of em' still didn't believe me, so I had to fire up the pair of 3-500's :^). A few these hams had tons of audacity (bollix for u Euro dudes :^)) and said that I was running a California Killowatt (an old AM term meaning that I was running illegal power). :^) :^)

Here's some other interesting things about this antenna system. Front-to-back ratio stateside wasn't decent unless the other station was at least 800-1000 miles out. Close-in contacts (less than 1000 miles, let's say) saw something like the 5-9 db front-to-back. DX, on the other hand, saw something like 20 db front-to-back. Another important note: this is a VERY broad-side favoring antenna, even when used singularly. Don't expect 599 every time inside of a thousand miles unless you're running a kw or 3 :^).

Well, that's about it from here. So, if you are looking for a low-angle dx antenna and don't have the room for a tower, the bobtail curtain could be for you!

Randy Jouett AB5NI  
nop@swbell.net

And yes, you programming geeks -- the nop stands for No OPeration :^)

P.S.

If anyone builds one of these antennas, please drop me some e-mail and tell me how the antenna works for you. Also, if you run this thang' thru ELNEC or the like, I'd really appreciate it if you'd mail the results this way. Also, feel free to post this to the antenna news group. If you use it as the basis on an article, please give me (and Jerry!) some credit and send me a copy.

-----  
Date: Sun, 30 Aug 1998 02:17:29 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [18832] Re: Alternative Power  
Message-ID: <002b01bdd3e6\$40821e50\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Check out the September 1998 issue of Scientific American. There is a  
>great article on Thermophotovoltaics. Maybe a rig powered by body heat  
>would be the next step.

Thanks for the info, Skip. I knew I shudn't have let my subscription lapse! :^)

Hmmm. I wonder if you could build some type of cloth out of this stuff. Now THAT wud be a great patent to hold. Another Hmmm. This letter/message is Copyright(c) by Randall G. Jouett. All rights reserved world wide. :^)

I also have a ton of witnesses :^)

-----  
Date: Sun, 30 Aug 1998 02:20:05 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <mitymik@hooked.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [18833] Re: Are You a REAL Qrp Operator?  
Message-ID: <003001bdd3e6\$9d5e6570\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Did you know that the Kenwood G71 HT has an 'EL' setting on it (extra  
>low)...and that setting is 50 milliwatts? That's right...50 MILLIWATTS.  
>  
>72 de WD8MNV/6

Dang! And we thought We were running qrp! Sounds like qrprrp to me ;^)

Randy AB5NI  
nop@swbell.net

-----  
Date: Sun, 30 Aug 1998 04:05:19 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <rmccarty@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18834] Re: Are You a REAL Qrp Operator?  
Message-ID: <00fe01bdd3f5\$50a068a0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<Everything snipped. If you want to read this, read Roger's original message>

Well put, Roger! Qrp (or any type of amateur radio operation, for that matter) is all about having fun.

Nuff said.

Randy AB5NI  
nop@swbell.net

-----  
Date: Sun, 30 Aug 1998 06:06:56 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [18835] Re: altturnative power generation  
Message-ID: <014501bdd406\$4e12f740\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Steven Weber <kd1jv@moose.ncia.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, August 29, 1998 12:28 PM  
Subject: altturnative power generation

>You know how a tall tree swings in the wind?

>

>Well, I've had this idea (browed from a NASA tech brief) about attaching a  
>rope to the top of a tall pine tree (which can really sway in the wind)  
>running it through a pully at the bottom of the tree and using it to pump a  
>hydraulic pump (with spring loaded return, of course). That would build up  
>pressure in a tank and when there is enough pressure, in turn power a  
>generator.

>

>There might be a beter way to turn the linear back and forth motion of the  
>rope in to rotary motion needed to run a generator, or maybe you could push  
>a bunch magnets back and forth though a series of coils.

>

>Just another crazy idea from a lead posioned mind...

Welcome to the world of dementia, my long-lost, melted-solder-fume



sniffin' brother. :^)

You know, this might actually work, Steve. Give it a shot and let us know how it works. One of these mounted on a tire swing that the kids use at a Qrp TTF should go over nicely :^).

I don't know if it's been mentioned before... How about mounting a generator to a pogo stick? LOL! I can see it now. Some lid at Dayton with a headset, vox, and 2mtr quarter-wave whip mounted on his cap. :^)

Hmmm. How about this one. Get a parachute, light sail-type cloth, or kite and punch a calculated size-versus-diameter aperture in the thing. Mount a light-weight generator and spin it up. Should have a pretty consistent CFM flow. Not only that, it should be a heck of a lot cheaper than a stand-alone windmill. A significant reduction in prop size, don't cha' know, and fabric is pretty cheap. A parabolic shape shud work best, with the prop mounted at the radix, of course. Man -- that sucker should spin faster than a top on speed :^). I even wrote this down in my patent journal, so don't think about stealing it, folks, cause' it's dated, notarized, and witnessed long before it's posted, and I do have enuff' cash set aside to fight it :^). The other dumb ideas I post here are also written down, by the way :^).

>Oh, here's a better one.. Attach a small generator to a hamster wheel.  
>Wonder how long the poor little critter whould have to run to charge a 10  
>AH gel-cel? Would you get in trouble with the ASPCA for making the hamster  
>do all this work?

Not really. I'd think it wud be pretty hard to force a hampster onto an exercise wheel. What you'd really need is a couple of hamsters in the same cage, I wud guess. :^)

How about this: put a female in heat in cage by herself. Mount a couple of exercise wheels that conveniently face this female in a separate cage, and make sure that it's right up next to the female's cage. The only way the densely-populated males can get close to her is by getting on (no pun intended :^)) the exercise wheel. This shud livin' things up quite a bit. :^):^):^). Oh, and the SPCA cudn't do a thing about becuz' the hamster's wud "really" be enjoying themselves. Hey, SPCA folks -- I'm just jokin'!!!

>"Melt Solder"

Always do :^)

Randy AB5NI  
nop@swbell.net

-----  
Date: Sun, 30 Aug 1998 07:36:05 -0400  
From: "Harry, WA3PTG" <hhurst@delaware.infi.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [18836] Re: Are You a REAL Qrp Operator? - Tator battery  
Message-ID: <199808301121.HAA00718@fh101.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Now that would be a contest- only potato battery-powered qrp rigs allowed!

-----  
Date: Sun, 30 Aug 1998 07:25:00 -0400  
From: "Armin Hachmer" <armin@muskoka.com>  
To: <mitymik@hooked.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18837] Re: Are You a REAL Qrp Operator?  
Message-ID: <199808301136.HAA28188@gold.muskoka.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

-----  
> From: Mighty Mik <mitymik@hooked.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Re: Are You a REAL Qrp Operator?  
> Date: Sunday, August 30, 1998 02:13  
>  
> Did you know that the Kenwood G71 HT has an 'EL' setting on it (extra  
> low)...and that setting is 50 milliwatts? That's right...50 MILLIWATTS.  
>  
> 72 de WD8MNV/6  
>  
>

-----  
Date: Sun, 30 Aug 1998 13:14:28 -0500  
From: k5zty@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [18838] re: Real QRPers  
Message-ID: <19980830.131957.6902.1.k5zty@juno.com>

I had read for weeks the thread about "real QRPers don't use directional antennas and decided to test the same people on what radio makes a "real QRPPer".

I found that there are some real nasty people on this list.

I guess it depends on whose ox is being gored as to who gets upset.

72,

Bill, K5ZTY

Houston, TX

k5zty@juno.com

-----  
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-----  
Date: Sun, 30 Aug 1998 09:20:14 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: "Hank Kohl K8DD" <k8dd@contesting.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [18839] Re: VERTICAL PHASING  
Message-ID: <01a001bdd421\$4ef28d90\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Hank Kohl K8DD <k8dd@contesting.com>  
To: nop@swbell.net <nop@swbell.net>  
Date: Sunday, August 30, 1998 6:07 AM  
Subject: RE: VERTICAL PHASING

Hello Hank,

I decided to post this to qrp-l. Have yet another dumb idea that I want people to take a look at further in the text :^).

>Randy....

>Saw where you mentioned an LC Phaser from an old 73. Checked with the  
>local library and they don't save them for more than 8 - 12 months.  
>I've done some searching on the web, but so far haven't found anything  
>on LC phasing. Do you know any sites that I could look at?

As far as the web goes, I have no idea, Hank. All of my ham rags are at the other qth in Louisiana. Maybe some fine qrp operator reading this could point you in the right direction or photocopy the articles for you. Well, gang?

>Been a couple years since I've played with Bobtail antennas. Had a  
>couple up for 40M and they worked real well base fed from the center  
>element with coax feed and a tuner. Don't have enough tower sections  
>stacked end to end, vertically, to make one for 80M! Tried feeding  
>with coax from the corner, but I could never get it to work as well as  
>base fed. The same for half squares - always seemed to me that base  
>fed with a homebrew tuner worked much better.

Voltage fed bobtail....Yak! :^) Reason #1: you were a heck of a lot closer to 50 ohms current feeding the antenna from the center. Remember, an antenna coupler is nothing more than an impedance-matching device. The problem that you were probably having is that you were operating your coupler on the verge of its impedance-matching capabilities. Bet it took a while to tune that thing to resonance. If you would have voltage fed (read: corner) the antenna with ladder line, I don't think you would have run into any problems.

BTW, I've heard of bi-squares and half-square antenna's, but I've never actually read any specs on them. What do they look like, physically, and what kind of gain do they have over a dipole? Anyone?

Sorry to hear about the 80-mtr tower situation. I helped a friend in my home state, Louisiana, set up an 80-mtr bobtail at a contest station, and let me tell ya' -- that thing worked like a champ! You do any contesting, Hank? Just curious.

>I've also phased 3 HyGain 40-10 verticals on 40 using the HyGain coax  
>phasing - worked great. Also did it with 3 Butternut HF2V's on 80M,  
>but didn't lay out enough radials for it to work as well!

I would have loved using that HyGain system. Sounds like a real winner!

Here's a quick way to put up radials. First, get a couple of stakes. Hammer the first stake in the ground and tie your radial wire to it. Now, lets say that these radials are for 80mtrs. Walk out  $468/\text{freq}/2$  feet away from the first stake and hammer a 2nd stake into the ground. Grab the wire at the first stake and walk with it over to the 2nd stake. Half loop it around the 2nd stake and walk back with it to the first stake. Keep doing this for as many passes as you think necessary. Remember: for each pass you will be constructing 2 radials. Now, go out and rent/purchase a lock cutter, especially if you are using something like 14-gauge wire. Cut all the wires at once at stake 2, and then put a brick down on top of them to hold them in place. Do the same thing at stake 1. Viola. All the radials u cud ever want in 10 minutes :^). Hammer other stakes in other directions for different bands. This is probably standard practice (sounds simple enough for me) in the ham community, but this is off the top of my head. Also, I don't do that radial thing any more :^). I would imagine that you could also take the stake-one wires and clamp them all to the bottom of the antenna with a stainless-steel hose clamp and space them out rather quickly. Anyone out there in radio land have any additions to this?

>Anyhow, I've been enjoying the "phased vertical" thread on qrp-l.

>

>73 Hank K8DD

Same here, Hank!

All the stuff I just wrote could be complete and total crapola. I've been up for 2 days trying to get a project out the door. That, and I haven't tought about this stuff in MANY years (20 years, to be exact). I've prolly forgot more about antennas than I have ever learned. If it is incorrect, I'm sure I'll get stomped on and flamed rather quickly.

Donning welding helmet, lead shield, and asbestos underwear....just to make sure. :^)

Randy Jouett AB5NI  
nop@swbell.net

-----  
Date: Sun, 30 Aug 1998 13:46:54 +0100

From: wd3p@juno.com (Larry Cahoon)  
To: mitymik@hooked.net, qrp-1@Lehigh.EDU  
Subject: [18840] Re: Are You a REAL Qrp Operator?  
Message-ID: <19980830.143632.16438.4.wd3p@juno.com>

On Sat, 29 Aug 1998 23:13:46 -0700 Mighty Mik <mitymik@hooked.net>  
writes:

>Did you know that the Kenwood G71 HT has an 'EL' setting on it (extra  
>low)...and that setting is 50 milliwatts? That's right...50  
>MILLIWATTS.

>

>72 de WD8MNV/6

>

The TH-22 AT has the same setting. It works well. We were just at the beach in Nags Head, NC and found the repeater didn't seem to like us, so we stuck to simplex. Once sent my son out in the car on the mobile mount with him at 3 Watts, I stayed at the cottage with a better than stock ant. (RH77CA if you must know) and started at 50 mWatts. Actually I went out on the deck, up one level from the ground. The 50 mWatts worked for about 1 mile, the low power setting was next at 500 mWatts and worked for about 2 miles, then he had me turn it up to high power.

My manual covers the TH-22A/22AT/22E and the TH-42A/42AT/42E so I assume they all come with the low power setting.

73/72 de Larry.....WD3P....in MD

---

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---

Date: Sun, 30 Aug 1998 06:59:35 -0600  
From: tom whalen <whalen@swcp.com>  
To: hhurst@delaware.infi.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [18841] Re: Are You a REAL Qrp Operator? - Tator battery  
Message-ID: <35E94CB7.5C9F@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Harry, WA3PTG wrote:

>

> Now that would be a contest- only potato battery-powered qrp rigs allowed!

COOL!!!! Another use for the spud!! And I only thought they were good  
for my spud gun!! 72, Tom WB5QYT

-----  
Date: Sun, 30 Aug 1998 11:13:09 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [18842] FOX: First Alert Message!  
Message-ID: <Pine.OSF.3.95.980830111020.16007D-1000000@vela.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Stay tuned to QRP-L this week for the late breaking news on Foxhunt 99!

You won't want to miss it... I Gar-un-tee!

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Sun, 30 Aug 1998 11:15:06 -0400  
From: Michael Neverdosky <MichaelN@cycat.com>  
To: qrp-l mailing list <qrp-l@lehigh.edu>  
Subject: [18843] TS-130S Freq instability, please HELP!  
Message-ID: <35E96C79.172CC58B@cycat.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My TS-130S suddenly developed a case of jumpy frequency.

In receive everybody sounds like they either have a very bad  
chirp, or their tone jumps up or down.

Has anyone heard of this problem in this rig?

Does anyone have a set of the factory service buletins for this rig?

I have the operation and service manual, a good scope (Tek 465M), freq counters and the usual test gear.

Thanks for any help.

michael N6CHV (in central FL)

-----  
Date: Sun, 30 Aug 1998 11:17:23 -0400  
From: Paul Helbert <phelbert@rica.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [18844] Bubba?  
Message-ID: <35E96D02.7A7807DE@rica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yo Gangue,

I've been too quick on the delete key and now can't find details for the sprint which I think is this evening. Could someone please point me to the Bubba's URL?

TU,

Paul, Wv3j in the Shenandoah Valley of Virginia

-----  
Date: Sun, 30 Aug 1998 11:17:54 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [18845] QRP VS RELIGION  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Not much difference is there. There is a range of what folks consider THE WAY. Those that think alike tend to band together and all those outside their group will not make it into HAM HEAVEN. Nuff for todays sermon...ON TO BUBBA Alan KB7MBI



-----  
Date: Sun, 30 Aug 1998 11:19:17 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [18846] FS: St. Louis Tuner  
Message-ID: <00f701bdd429\$8e0ff500\$902d8118@6626hvt5p091.se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

St. Louis Tuner in excellent working condition. \$50.00 + shipping from 32225.

-Paul, W9AC

-----  
Date: Sun, 30 Aug 1998 11:21:28 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18847] FS: Ten-Tec PM-3A  
Message-ID: <00fc01bdd429\$dc468a40\$902d8118@6626hvt5p091.se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Scarce Ten Tec PM-3A in very good working and cosmetic condition. All original, no modifications. With factory photocopy of manual. \$135.00 + shipping from 32225.

-Paul, W9AC

-----  
Date: Sun, 30 Aug 1998 08:21:46 -0700  
From: Jack Parker <Pparker@greatbasin.net>  
To: qrp-1@Lehigh.EDU  
Subject: [18848] Re: Are You a REAL Qrp Operator? - Tator battery  
Message-ID: <3.0.1.32.19980830082146.006920c4@mail.greatbasin.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:59 AM 8/30/98 -0600, you wrote:

>Harry, WA3PTG wrote:

>>

>> Now that would be a contest- only potato battery-powered qrp rigs allowed!

And the neat part is that when the "battery" goes dead you can have lunch!  
Try \*that\* with a NiCad!

Jack, W7PW

"You're an interesting species....capable of such beautiful dreams, and such  
horrible nightmares."

from the movie "Contact"  
(based on the book by Carl Sagan)

-----  
Date: Sun, 30 Aug 1998 12:09:42 -0400  
From: Paul Helbert <phelbert@rica.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [18849] Bubba  
Message-ID: <35E97946.EA6BB660@rica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue,

Here is the URL for the Bubba: <http://www.dancris.com/~ki7mn/bubba98.htm>

Thanks for the replies guys & gals.

Paul, Wv3j

-----  
Date: Sun, 30 Aug 1998 12:10:01 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [18850] Web Page  
Message-ID: <00c401bdd430\$a7b026e0\$395445c6@programs>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just updated the Shareware page on the Eastern PA QRP Web site,  
check it out!

73 & Good DX,  
Ron de WB3AAL      wb3aal@talon.net

vvv Eastern PA QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern PA QRP #1

-----  
Date: Sun, 30 Aug 1998 12:45:10 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [18851] BALANCED PHASED VERTS  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

If you sit and think hard enuff about it you are bound to figure out something. I took the two SLVs tuned for 40M and ran a single 1/4 wave wire between the two antennas (base to base). Connected the twinlead tv wire one side to the antennas and the other side to the counterpoise. Add one Mark I-Mod II tuner (thats military talk for a generic item)and it loads up nicely. See there are ways to skin a cat or in this case two SLVs. (Although I did not skin any cats, I did use catgut to string out the raised radials.) How did I arrive at this. Heck it is just a HALFSQUARE upside down. Thanks to the BOBTAIL and HALFSQUARE string that followed my original question....See you at BUBBA      Alan KB7MBI

-----  
Date: Sun, 30 Aug 1998 12:49:04 EDT  
From: we6w@juno.com (Ed Loranger)  
To: qrp-1@Lehigh.EDU  
Subject: [18852] Bubba WX?  
Message-ID: <19980830.094613.8423.3.we6w@juno.com>

It chilly here this AM. Last night I had a QSO and the guy was in Arizona and 88 deg. F. after Midnight

Local time!! Arizona got them thar multipliers!  
But here in Sunny Northern Cal. its only 55 deg. F.

Worked W6LFJ last night. They are on Angel Island  
in the San Francisco Bay. 7038 KHz at 50 Watts to  
my 3 Watts last night. He was running a ten tec  
that had a PTO jump or something. Hope its ok now.

It looks like I'll wimp out and work from within  
the Garage after all. To stay warm!

Only about 90 minutes till bubba.

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

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-----  
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-----  
Date: Sun, 30 Aug 1998 12:50:54 -0400  
From: joel malman <malman@world.std.com>  
To: qrp-1@Lehigh.EDU  
Cc: malman@world.std.com  
Subject: [18853] ARRL Convention, /AE, Bubba  
Message-ID: <199808301650.AA09033@world.std.com>

This is one great radio weekend!

I went to the ARRL New England Convention (aka Boxboro). Lots of flea market  
vendors. I even found a few things I was looking for. Inside, the major  
manufacturers and dealers all had their booths set up. I did go to a few of  
the forums: FCC, ARRL and QRP and I met Richard Fisher nu6SN of QRP ARCI  
and Worldradio fame.

I took my Extra Class tests (CW and written) while I was there. This is the  
first amateur test I have taken in 32 years. Wore my Norcal Zombie Security  
Pass (#116) to the VE session. Don't know if it helped, but I did pass the  
tests, so it did not hurt.

Got home a little while ago... and now it's just about time for BUBBA!

Wow, what a weekend.

/joel wa1qvm/ae (Concord, Mass)

-----  
Date: Sun, 30 Aug 1998 11:08:51 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-1@Lehigh.EDU  
Subject: [18854] Re: Vertical Phasing  
Message-ID: <199808301708.LAA22774@rgfn.epcc.edu>

In addition to Jerry Swank's articles in 73 magazine, Ed Noll's book "73 Vertical, Beam and Triangle Antennas" book has a substantial section on phased verticals and triangles, using balanced line. There have been numerous articles in QST, CQ and 73 Magazine in the 50's, 60's and 70's featuring vertical antennas using balanced line - one of the loudest signals on 20 and 15 meters was put out by Tom, W7DND of Bremerton, Wa with his 6 or 8 element vertical system, fed at the base with balanced line. W5AD featured verticals in QST about 1953 or so as did W7UC with horizontal array, switchable -(Dec 1956). In Paul Lee's (N6PL) book "Verticals" published by CQ and was a 10 or 15 part series in the mid 60's in CQ magazine, he showed numerous phasing systems, with coax and balanced line. Inverted vee antennas, switchable and fed with balanced line was featured in QST Dec 69, was usable on bands 80 thru 20 meters, and was developed by Ray Hoffman W4TDI and Bill Savick W6TYG, called the Band Divider. Worked very well, the system was used with verticals and delta loops equally well. Another from the May 85 Ham Radio magazine was by W1JF which was an end fed vertical 8JK - A switchable Vertical Array.

Finally, there was in the August 1980 QST an article by James A turner W9

xxxx W9LI (sk) which was entitled Verti-BeamIII, A Multidirection 20 meter array. This is similar to an article that appeared in the early 50's also by a W9 (possibly the same person and similar type vertical system) and used the 450 balanced line. It shows one side floating. So there are plenty of items out there for study/experimenting with. Good Luck

--

Ray Colbert, W5XE  
OOTC 3618, SOWP 1064M  
El Paso, Tx (FAR WEST TEXAS!)  
also: w5xe@juno.com

-----  
Date: Sun, 30 Aug 1998 10:16:14 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: "Harry, WA3PTG" <hhurst@delaware.infi.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [18855] Re: Are You a REAL Qrp Operator? - Tator battery  
Message-ID: <Pine.SOL.3.96.980830100940.12164B-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 30 Aug 1998, Harry, WA3PTG wrote:

>  
>  
> Now that would be a contest- only potato battery-powered qrp rigs allowed!  
>

Wow, don't you guys know anything? A REAL QRPer only uses  
lomons for power!

Geeeeessssh.....

Next thing your going to try is slipping in a real antenna  
instead of a wet noddle!

Don't forget to remove all potatoes from your house  
because if you don't you will fall to the temptation  
and slip a potato into the lemon supply to make sure  
you get the fox on the first call....

Just can't trust anyone with a potato.....

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Sun, 30 Aug 1998 14:20:52 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [18856] Re: QSL Program  
Message-ID: <199808301812.6736500@is1.tm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I've gotten a lot of good responses to my QSL program. Thanks to all of you who have taken the time to look at this work in progress.

By the way, it \*DOESN'T\* work on Win 3.1 (as expected). K8DD reports that it does work under NT 4.0 (that was expected but I couldn't test it)

I have a question, tho. The initial posting didn't get a lot of response. Did this one gather more interest because I reminded people that it was free and would stay free, or because I included a couple of decent samples? (I later realized that I never mentioned to people how they could open those samples, tho!)

It is approaching being useable. There are one or two more things to do before the next posting which might be yet today, but more likely is next weekend. At that point, I expect it will be feature-poor but useable. The 2 main things that still need doing before that are the Pse QSL/Tnx line and saving designs.

After that, I have the following needed features:

- Support for random text like Grid, Zone, QRP-L #, etc.
- other paper sizes
- support for landscape printing
- Support for additional graphics (logos, etc)
- Something, ANYTHING, in the help file
- user customization of the info block
- Win 3.1 support

Any additional needs/wants/wishes are appreciated.

Again, Thanx  
72/73 de WB8RCR  
didileydadidah

-----  
Date: Sun, 30 Aug 1998 13:06:07 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Randy Jouett'" <nop@swbell.net>  
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [18857] RE: Are You a REAL Qrp Operator? - Tator battery

Message-ID: <000001bdd440\$de958be0\$fa3347cf@homedad.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Actually we were able to extend the battery life by using salt-water. We cut the potatoes in half and put the exposed "meat" in the water. We had to put each potato half in a separate bath. We used jar lids. If we put them all in the same water they shorted each other out. It was a very dilute salt solution, about a teaspoon to a quart of water, just enough to ionize the water.

Kevin

> -----Original Message-----  
> From: Randy Jouett [mailto:nop@swbell.net]  
> Sent: Saturday, August 29, 1998 5:50 PM  
> To: wb5rue@stic.net  
> Subject: Re: Are You a REAL Qrp Operator? - Tator battery  
>  
>  
> <stuff deleted>  
>  
> >I used red potatoes and tried all kinds of metal  
> >combinations. I found that nickel and copper gave  
> >the highest voltage/current combination. I got  
> >just over 1.5 volts per tator. I used the center  
> >post from an alkaline battery, nickel plated, and  
> >a copper strip. Worked like a champ until the  
> >tators dried out.  
> >  
> >Kevin, WB5RUE  
>  
>  
> Hmmm....I wonder how the tators wud last if you planted them  
> in the ground  
> and did this? Do you think they cud survive the metal-plate insertion?  
> Either that, or just put a slight amount of water in the  
> bottom of a pan  
> and see if they'll grow. Don't get the top of the tator wet were the  
> electrodes are inserted, of course :^) :^)  
>  
>



-----  
Date: Sun, 30 Aug 1998 10:31:57 -0800 (AKDT)  
From: Dan Robbins <kl7y@alaska.net>  
To: qrp-1@Lehigh.EDU  
Subject: [18858] AL7FS #1  
Message-ID: <199808301831.KAA13938@alaska.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, folks, the bands are dead up here. So far we6w has been the only qso. Other signals are whispering to me but that is all. I will keep at it. Only on 20 meters so far. Ed is still solid up here but no others.

73, Jim, AL7FS

-----  
Date: Sun, 30 Aug 1998 13:40:47 -0500 (EST)  
From: bob evinger <revinger@marshallonline.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18859] RE: QRP just the facts maam  
Message-ID: <Pine.LNX.3.96.980830133828.526A-1000000@WD9EKA.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed, Good post. I wish this whole discussion would just take a long walk on a short pier. I am one of the "big rig" operators as well on some bands. On the low end of 40 I have an OHR explorer, everywhere else I use my Kenwood 690s. Yes I am wanting to build/acquire some qrp gear for other frequencies but I can only spend so much at a time, and I only have so much time for building. Shoot I havent had my plane out since last fall, cant seem to find the time to do the Annual on it.

Anyway, with all this discussion I decided to hook up my qrp wattmeter than normally sits between the OHR and its antenna to the kenwood to make sure I was running "LEGAL" :), I had just been setting the power to half of the leds (3 of them) between 0 and 10 on the radios meter.

What I found out is what I suspected it aint 5 watts, oh no. It was only 3..... I made up a little chart and put under my table glass on my radio If I increase power from 0 and just as LED 1 fires I have about 3/4 of a watt, LED 2 is 2 watts, LED 3 is 3 watts and if I

really want to smoke them LED 4 is actually 5 watts. I verified that the display does not vary appreciably on several bands so now I know when I am "qrp legal" :)).

Gosh now I know that I can light up that fourth led and up my power 40 percent from what it was. I guess this whole thread wasnt a waste after all.

Please everyone. When I saw the post on fungible watts the only thing I could think besides a watt is a watt is

"WATTS ARE FUN"gible, lets keep it that way, please. There is enough problems in the world.....

72  
bob

Bob Evinger | 19250 N. Livingston Road | revinger@marshallonline.com  
WD9EKA | Marshall, IL 62441 |

On Sun, 30 Aug 1998, Ed Loranger wrote:

> We've had QRO rig fudge-factors suggested may be in  
> use...

>

> Why a BIG Rig? Because I don't have a QRP rig that covers  
> 80/40/20/15/10 meters, that's why!

>

> Sometimes I send good, sometimes not so good with my bug.  
> I like keyers too. I like ham operators who are considerate  
> of others, whether or not they are QRP op's. And the only  
> prejudice I have, is I hate prejudice.

> You measure your 5 Watts anywhere you want. I measure mine  
> after the rig and before the antenna terminals.

>

> 72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

> Enjoying Ham Radio every day! Santa Rosa, CA.

>

>

> -----  
> You don't need to buy Internet access to use free Internet e-mail.

> Get completely free e-mail from Juno at <http://www.juno.com>

> Or call Juno at (800) 654-JUNO [654-5866]

>

>

-----  
Date: Sun, 30 Aug 1998 11:40:56 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Dan Robbins <kl7y@alaska.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [18860] Re: AL7FS #1  
Message-ID: <Pine.SOL.3.96.980830113854.12430A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Sounds like condx are better in Alaska than here in NV!

I heard one QRP sig that I could copy and he was on 15m. And it would only pop up above the local QRN for a few letters at a time.

20m has some "noise in the noise" but no telling who it is!

I'll come back in an hour or two and see how it going then....

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Sun, 30 Aug 1998 14:45:48 EDT  
From: Ab7wy@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [18861] Re: AL7FS #1  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 98-08-30 14:33:38 EDT, AL7FS wrote:

<< Well, folks, the bands are dead up here. >>

Jim, well its TOTALLY dead here in seattle. i was looking for you earlier and heard squat! i will try it again later. from what i understand, this is the monthly propagation null, and what a bummer because the solar flux is reported to be 161.5!!!

with a flux like that you should be able to yell into a washcloth and get a pileup!

i'll keep looking for you, 73.....Adam,

AB7WY

-----

Date: Sun, 30 Aug 1998 11:58:26 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>  
To: rakefet@rakefet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18862] Re: Unbuilt 38S: Decision  
Message-ID: <3.0.32.19980830115823.00702e88@popd.netcruiser>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:17 PM 8/29/98 -0700, Vic Rosenthal wrote:

>I'm the one. I apologized to Jim, and now I'm apologizing to the group for  
>reading something into his message that was assuredly not there and shooting  
>from the hip. Never, never, hit the 'send' button when you're angry --  
you can  
>really make a fool of yourself.

Vic also wrote to me privately, and I have accepted his gracious apology.  
Just  
shows what a great group we are. It takes a big man to do as Vic has done.

In his apology, I discovered that Vic and I have a mutual distaste for  
collectors  
and speculators, and that prompted his reaction. I could not agree more,  
especially when it comes to Norcal kits.

72 de Jim - AD6CW

-----

Date: Sun, 30 Aug 1998 15:10:41 EDT

From: WD6BOR@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [18863] Catalogs and suppliers (long)  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Gang,

I just compiled the following list for some of the other electrical apprenticeship instructors around the Bay Area and thought that, after going to all that trouble, I ought to put it out on the list to share with some of the QRP-L folks. These are suppliers I have used for school as well as for work. I've found that the time I save running around more than justifies the shipping and handlings costs for an order. I try to anticipate my future needs and order for the semester or year to keep the costs per item low.

Of course, don't forget Dan's Small Parts, HB Electronics and the other suppliers that can be found linked to the Norcal Web Page. Dan's catalog is especially fun to go through looking for some of his specials and sale pricing.

Good luck and enjoy!  
Darrel, WD6BOR, Sonoma, CA

Tech America	parts/tools	800-442-7221 good web site- get on mailing
	*	
		/800-877-0072 list for sales flyer deals
DC Electronics	parts/surplus	800-467-7736 great pricing
	*	
Radio Shack	parts/tools	800-843-7422 normally charge for catalog
	*	
Ramsey Electronics.	kits	800-446-2295 varied kits
Graymark	kits/teaching aids	800-854-7393 varied kits and teaching aids
	*	
Mark V	audio kits	800-521-6275 mixed reviews on service
C&S Salestrainers/test inst/kits		800-292-7711 good service/test instruments
	*	
Circuit Specialists	parts/surplus	800-528-1417 great pricing/service
	*	
Hosfelt	parts/surplus	800-524-6464 great pricing/varied selection
	*	
Mouser	parts	800-346-6873 real supplier/great
selection	*	

Digi-Key	parts	800-344-4539	real supplier/great selection
*			
Jameco	parts/computer	800-831-4242	computer parts/boards
*			
MCM	parts/tools	800-543-4330	great sales/soldering station
*			
Newark	parts	800-463-9275	real supplier/varied
service	*		
All Electronics	parts/surplus	800-826-5432	great pricing/surplus selection
*			
Techni-Tool	tools	800-832-4866	mouth-watering tool selection
*			
Specialized Prod.	tools	800-866-5353	mouth-watering tools also
*			
Parts Express	parts/audio	800-338-0531	speakers/parts/audio/gd pricing *
JDR Components	parts	800-538-5000	good pricing/great service
*			
Jensen	tools	800-426-1194	more mouth-watering tools
*			
Omnitron	trainers/tools	800-379-6664	great pricing/trainers/test eq.
Dalbani	parts	800-325-2264	large parts selection
Marlin P. Jones	parts/surplus	800-652-6733	varied surplus selection
*			
Electronix Express	parts	800-972-2225	good parts selection
Allied Electronics	parts	800-433-5700	real supplier
NTE	cross reference	800-631-1520	invaluable reference book
ECG	cross reference		invaluable reference book/available from distributors only

I ve ordered from the companies marked in the right column. Many of them have prices for components that are a fraction of list price simply because they are selling surplus stock. DC Electronics, Circuit Specialists, Hosfelt, Marlin P. Jones and All Electronics are good for surplus pricing. Mouser and Digi-Key are my choice for top-quality new stock delivered in a timely fashion. I ve had back orders from Newark show up eight months later with shipping and handling costs more than the parts. MCM often has deep discounts through their sales flyers. I ve bought temperature controlled soldering stations with digital readouts for sixty to seventy dollars each and 60/40 solder for four dollars per pound. C&S Sales has good pricing and service for teaching aids and electronics trainers and lower cost test equipment. I ve bought several items from Tech America on sale with good results. I also recommend Jameco and JDR for parts and service. The NTE and ECG cross references are great for identifying parts, pin-outs and specifications.

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Date: Sun, 30 Aug 1998 14:44:19 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18864] FS/ SWL gear, some unbuilt  
Message-ID: <Version.32.19980830141125.00f3a760@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

I have for sale, Small Wonder Labs gear.

GM-10	operates 28.0 - 28.078	cw	700mw
GM-15	21.001-21.085	cw	1.5 watts
GM-17	18.072-18.168	cw	1.5 watts
GM-20	14.0 - 14.085	cw	2 watts

All of the above are in perfect condition. All mounted in a very nice Lansing cabinet. Each has a 10 turn pot for tuning, RIT,, 1/8" jacks for key & audio, SO-239 for coax and the standard barrel connector for power. The units measure 7.5 x 4.0 x 1.5 " and weigh about 20 ounces, ( estimated ) perfect for backpacking. The units have practically no operating time on them. No nicks or scratches at all. Asking \$80.00 each shipped Priority Mail in the U.S.

Selling my Elmer 101 projects as well. Both UN-BUILT kits

SW30+	with cabinet and hardware	\$80.00 shipped
SW40+	" " " "	\$80.00 shipped

If interested, there is a link to Small Wonder Labs in the Nor Cal page. The GM-xx rigs for sale above look just like the picture on the Web Page. try:

[www.fix.net/norcal.html](http://www.fix.net/norcal.html)

72, Scott Bauer w3cv email ke3nv@erols.com

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Date: Sun, 30 Aug 1998 15:00:17 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18865] Ten Tec QRP gear for sale  
Message-ID: <Version.32.19980830144423.00f423d0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Selling my Ten Tec QRP gear. \$80.00 each  
shipped Priority mail in the U.S.

1340 operates from 7.0- 7.066 4+ watts  
1330 operates from 10.1- 10.134 4 watts

The units have a top firing speaker that gets loud!  
Tuning, volume, RIT, pwr switch and phone jack  
on the front panel. The rear panel has the SO-239  
and RCA jacks for power and key

Both are in new condition, no scratches or other flaws.  
I built them, had a couple of QSO's and put them away.  
They work perfectly. Im selling them because I like to  
build more than operate ':-))

There is an article in Sept, 98 QST on page 75 if more  
info is needed, or look at Ten Tec's website at.

[www.tentec.com](http://www.tentec.com)

72, Scott Bauer w3cv email ke3nv@erols.com

-----  
Date: Sun, 30 Aug 1998 15:31:49 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18866] More QRP rigs FS  
Message-ID: <Version.32.19980830150021.00f3e6c0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello,

More rigs for sale.



Emtech NW8020, 30 meter xcvr. Perfect working order. No scratches, dents ect. Very few hours operating time on this rig. Operates 10.1- 10.134 cw. The rig will give more than 5 watts out but I have it set to 3 watts. Uses an air vairable cap to tune and is very stable. With the rig comes a mod sent from Roy ( Yes, he spent many hours on the phone with me as well ) to improve the receiver and an improved manual. The rig has a nice audio filter installed. Asking \$95.00 Shipped priority mail in the U.S.

NW8020 from Dans Small parts. 40 meter version. Works OK but needs some TLC. Tunes 7.0- 7.2. Gives 3 watts at 7.0 and 1 watt at 7.110. Has the same features as the Emtech but mounted in a Radio Shack enclosure. The audio filter has been disconnected. Slight drift on keydown. Manual encluded. Asking price is \$40.00 shipped Priority mail.

GQ-40. A kit from G-QRP Club. Operates 7.009-7.125 cw, 0-7 watts out from a rear mounted pot. Has RIT, IF gain, RF gain, tuning ( air variable ) and audio on the front panel. the rear has the SO-239, mute and delay controls and 1/8" key jack. The cabinet is not painted and has a few scratches. The unit is in good working order and I have enjoyed many contacts with it. Sheldon Hands aligned it for me and did a mod or 2 while he had it. I have the manual. Asking \$100.00 shipped.

More later. 72, Scott Bauer, w3cv email ke3nv@erols.com

-----  
Date: Sun, 30 Aug 1998 20:06:03 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <Pparker@greatbasin.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [18867] Re: Are You a REAL Qrp Operator? - Tator battery  
Message-ID: <004d01bdd449\$3cf2fb20\$bd42b3c7@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Then you'll become a "glow in the dark semi human spud gun"! Of course, thats only if you use a 'non-gain antenna' and also, you'll have to live alone in a rural area.

de Steve W8SFF

-----  
Date: Sun, 30 Aug 1998 15:50:18 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18868] Nor Cal QRP gear F/S  
Message-ID: <Version.32.19980830153801.00f3b6e0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi,

Selling

Un-built 38 Special with manual . Complete. 28.00 shipped in the U.S.

Nor Cal paddles. Built, but not painted. With manual. 28.00 shipped

Nor Cal paddles, un-built. Missing a bearing which is still available from San Louis Machine Co. for 2.00 With manual. Asking 28.00 shipped

St. Louis Tuner. Working, painted cabinet. Has a couple of chips in the paint. No mods have been done that I know of. With manual. Asking 55.00 shipped.

Thanks, Scott w3cv email ke3nv@erols.com

-----  
Date: Sun, 30 Aug 1998 15:56:23 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18869] FS Wilderness SST-20 w buzznot  
Message-ID: <Version.32.19980830155024.00f2c4f0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Selling my SST 20 meter rig with the buzznot filter. It works fine. The cabinet is un-painted. the Buzznot filter is built but not installed. With manuals.

Asking 80.00 for both, shipped priority mail.

If you dont know what the SST looks like,  
there is a link to Wilderness in the NorCal site at

[www.fix.net/norcal.html](http://www.fix.net/norcal.html)

72, Scott Bauer w3cv email ke3nv@erols.com

-----  
Date: Sun, 30 Aug 1998 16:16:00 -0400  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-l@Lehigh.EDU  
Subject: [18870] Unbuilt kits for sale  
Message-ID: <Version.32.19980830155630.00f21630@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

More good stuff for sale.  
Selling as a pair:  
Unbuilt Micronaut Transmitter for 40 meters. Does not come with  
a crystal. Thats how the kit is made.  
Unbuilt MRX-40 receiver. This kit has the 7.040 crystal.  
With manuals. Both unbuilt  
Asking \$42.00 shipped for the pair.

KnightSMiTe 80 meter xcvr kit. #135. Surface mount kit. with manual.  
Asking \$21.00 shipped priority mail.

Tejas, Deluxe mini-keyer kit WITH Curtis 8044ABM chip, unbuilt.  
No enclosure. With manual. Asking \$30.00 shipped.

Thanks, Scott Bauer, w3cv email ke3nv@erols.com

-----  
Date: Sun, 30 Aug 1998 17:01:48 -0400  
From: Michael Neverdosky <MichaelN@cycat.com>  
To: qrp-l mailing list <qrp-l@Lehigh.EDU>  
Subject: [18871] TS-130S update

Message-ID: <35E9BDBC.659086ED@cycat.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to everyone who offered ideas on my rig trouble.

I found that my PS-30 was putting out 14.65 volts under load.  
I readjusted the PS to 13.8 with the load of the receiver and  
not it seems to be working OK.

Does anybody have the schematic for the PS-30?

When I have a little more time I will do more extensive testing  
of the rig.

Thanks

Now to see if I have enough brain function left to bubba. :-))

michael N6CHV

-----  
Date: Sun, 30 Aug 1998 21:22:57 GMT  
From: nhoop@centuryinter.net (N H)  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [18872] May I?  
Message-ID: <35f7c23a.34661184@mail.ot.centuryinter.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a rig for sale that will put out more than 5 watts, but works just  
fine for CW QRP as I have been using it. May I advertise it here?

72 Nat KM5QU  
Oxford AR  
QRP-L #1665

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Date: Sun, 30 Aug 1998 21:48:34 GMT

From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18873] Re: Two Words to the Wise  
Message-ID: <35eac864.82217903@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 29 Aug 1998 22:22:22 -0500, "Walter Dufrain" <walter@inlink.com>  
wrote:

>Dave & all, well Arizona and Texas "watts" are too small  
>for me, that's why I live in Missouri :-)  
>  
>Walter Dufrain, AG5P  
>President =3D WATT CORPORATION  
> Wright City, Missouri  
>

Between my wife, my daughter, and myself, we have a definite QRP (3-watt)  
shack!

Marty Watt, KM7W

-----  
Date: Sun, 30 Aug 1998 15:12:55 +0000  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-1@Lehigh.EDU  
Subject: [18874] BUBBA  
Message-ID: <199808302207.PAA10852@user2.dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Another fun one. Wimped out and stayed in the house, so temp was 80 degrees  
F. But, made 26 contacts whilst doing some web stuff. Highlights were Ade  
W0RSP and Jim AL7FS. He was pretty weak at the time, but later on came up  
to about 579 or a bit better. Got N2TOK (?) and KD2IX in NY, so that made  
me happy. And, of course, Bob N4BP in FL. Nothing in the Northwest, though.  
Strange.

Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

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Date: Sun, 30 Aug 1998 17:14:21 -0500

From: Wayne Alexander <walexan@ipa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [18875] BUBBA  
Message-ID: <199808302214.RAA21983@ns3.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well this was my first time at the BUBBA Contest. It was alot of fun. Work 23 Contacts. Not bad for the first time,I think. Well it as fun and will be back next time.

73,  
KB0PTE  
Wayne

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Date: Sun, 30 Aug 1998 17:25:00 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [18876] Qrp CW via the Web and Other Dumb Ideas  
Message-ID: <021e01bdd465\$07d050c0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello fellow Qrpers,

I was just wondering if anyone out there in web land has any knowledge of a web site that I could log on to that wud allow me to operate qrp cw? That is, a dual-display window for receive and transmit. Would this be legal? The user would have to hold a valid amateur license, of course. Heck, I've heard people accessing one of the local repeaters via the web here in Houston.

Also, how about this. Write a program that controls a rig that scans the various beacon freqs. If the program finds a beacon (morse-code decoding via HF modem, of course), it posts message to a web that says, "Good propagation between W5 land and Russia" or some other esoteric country :^). Then we could get on the air and call "CQ Esoteric Country Name." Also, the computer-controlled receiver could post S-Meter readings. What you guys & gals think about this? Anyone out there doing this?

Here's another one. How about building a amateur satellite that houses a telescope that we can access via packet? Yeah -- it wouldn't be Hubble, but it sure would be a lot of fun to play around with! That, and we could an add

some numbers to our amateur community if we wrangled a couple of amateur astronomers or 3. Could we also do a radio-spectrum (read: hydro-line) version? The SETI League would sure get a kick outta' this one. While we're at it, how about a slow/fast scan ATV satellite? I have some theories on increasing bandwidth via spread-spectrum communications, if anyone is interested?

Randy "Just another hick in Texas" Jouett AB5NI  
nop@swbell.net

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Date: Sun, 30 Aug 1998 18:24:10 EDT  
From: FrConrad@aol.com  
To: QRP-L@Lehigh.EDU  
Subject: [18877] BUBBA RROP  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Was it just my imagination, or did every signal on 20-meters come up about 40 db at exactly 2201 GMT?

Only six contacts after church in the 95-degree SoCal Ham Shack.

John+  
WB6MFS

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Date: Sun, 30 Aug 1998 05:40:52 -0500  
From: "Randy Moore" <wr.moore@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [18878] Bubba report  
Message-ID: <000101bdd402\$a8bca3c0\$3826430c@wrmoorerpc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

BUBBA was fun, but frustrating! Weather here was great for sitting on the porch in the shade, but not miserable enough for a good multiplier!! Was on intermittently for maybe 2 hours total. Band conditions were pretty bad.

Worked 8 stations in 6 states on 20m. Heard maybe 20 more stations on 20, but they couldn't hear me. And that included NQ7RP (wish I could get half credit for hearing him!) Only heard 2 stations on 40m. WD5ICQ tried for several minutes to copy me there (thanks Ted), but no go.

Highlight of the event was working Ade, W0RSP. QSL is on the way, Ade - thanks!!

Operated my trusty OHR400 at 3w., battery powered, into a SLV (4 radials) off my back porch.

Tnx es 72,  
Randy, KS4L  
Huntsville, AL

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Date: Sun, 30 Aug 1998 18:52:57 EDT  
From: we6w@juno.com (Ed Loranger)  
To: qrp-1@Lehigh.EDU  
Subject: [18879] Bubba, QSB/QRN still fun!  
Message-ID: <19980830.153913.6671.1.we6w@juno.com>

Worked 30 stations for 13 SPC's and NQ7RP on 20 meters for 40,030 points total. Another non-competitive entry by Mr. Low-Key himself :)

Had lots of fun even with the QSB and periods of non-signals. Also was amazed how BIG some signals got during parts of the contest.

Hey, even AL7FS was 589 for a few minutes. Highest temp worked was Kent/AB7OA at 105 deg. F!!!

Finished on 40 meters where I fell into a ragchew so didn't work any stations the last 25 minutes...

Hope ya'll had a good time. I did.  
-Ed  
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>  
Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]



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Date: Sun, 30 Aug 1998 11:33:27 -0400  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: <w5yr@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [18880] Re: 1 dB loss/gain expressed as a percentage  
Message-ID: <199808302256.SAA00013@mailhost.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi George,

Well, it was a year ago, and I don't remember..... remember, I said it was not a real study, just enough experimentation to know that for test accuracy I had to stick to a very rigid set of equipment and patch cables.

I even built a special test surface so that all tuners under test are positioned the same relative to the test equipment, bench, etc.

Discussions with experts indicate that tuner test results are difficult to duplicate from one lab to another. We can come close, but exact duplication is elusive. For this reason, I'm testing in a very consistent manner so that my tests are comparative from tuner to tuner.

With regard to adapters, I'm sure I checked several of the HF ham bands. My .5 dB estimate is just that. It could be off by a significant factor in either direction. There are so many factors that come into play with regard to adapters that I would not want to argue with anyone's conclusion.

For myself, however, I will not use an adapter or coupler unless absolutely necessary. (and I have a whole bag of them to use when necessary!) I've made a few patch cables with PL-239 on one end and BNC on the other, just to avoid a patch cable plus an adapter.

As you imply, the total loss in an adapter or connector is going to be dependent on frequency, SWR and impedance at one end or the other, so I'm happy with a rule of thumb....

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----  
> What frequency, Bob? Should make a difference . . .

>  
> 72/73, George            didit dit  
> Bob Kellogg wrote:  
> >  
> > I did make a few tests on adapters (not enough to be called a study)  
and  
> > found that 1/2 dB loss or more was typical of the new ones I had on  
hand.

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End of QRP-L Digest 1199

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